

CIRCON
microSurgical

PUBL
MV 9700

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Color microVideo System

Economical

- Moderate cost
- Nothing else to buy

Accurate

- True color image
- Reduced operator error

Versatile

- Up to 1000x power
- Inspection - Training - Analysis
- Video Tape Recorder

Integrated system

- Simple to operate
- Coordinated components

CIRCON's MV 9700 Color MicroVideo System is a fully integrated closed circuit television system designed specifically for microscopic examination in full color up to 1000 power. This coordinated system includes all of the quality components required to obtain a superior color picture, including: a High Performance Color Camera, Color Control Unit, High Resolution Color Monitor, High Intensity Light Source and a superior quality Microscope with modified optics for the system.

Important advantages of the Color MicroVideo System over the conventional use of a microscope are:

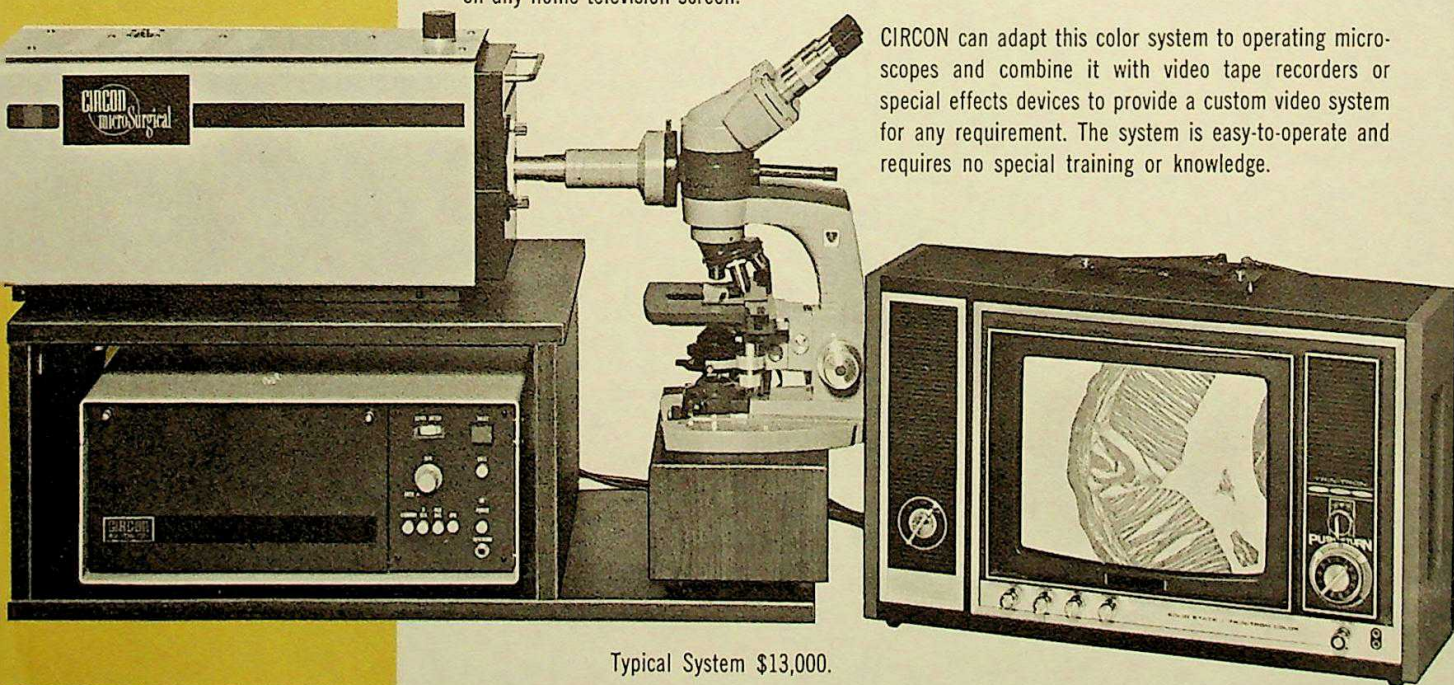
1. Large screen, color viewing of a magnified image.
2. Higher speed inspection and measurement.
3. Reduction of operator strain and error.
4. Image magnification by both optical and electronic means — allowing the system to deliver 40% greater working distance and depth of field than is possible with a microscope alone.
5. Allows several observers to view the same magnified subject.
6. Color controls may be adjusted to enhance any portion of the subject being viewed.

Magnification is achieved by a modified microscope designed specifically for this color television system. Up to 1000 power magnification may be achieved with true color and minimum distortion. A multi-purpose, high intensity illumination system provides either top stage or substage lighting of any subject viewed. The microscope is provided with a X-Y traversing stage.

CIRCON's Color MicroVideo System has been designed to be suitable for a wide variety of laboratory and surgical work. It is ideal as a teaching aid because a larger group may view the most minute detail of any procedure. Also, the user may operate from the screen with ease, thus eliminating the strain of peering through eyepieces. By simply rotating the turret lens, magnification may be changed from low power for scanning to several hundred power for examination of cells.

Full color display of tissue and specimens provides an added degree of accuracy in identification and analysis in comparison to black and white television systems. Subtle color shadings are more accurately represented through this closed circuit cable system than is possible with airwave reception on any home television screen.

CIRCON can adapt this color system to operating microscopes and combine it with video tape recorders or special effects devices to provide a custom video system for any requirement. The system is easy-to-operate and requires no special training or knowledge.



Typical System \$13,000.

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GROUP 250